

CLAIMS

What is claimed is:

1. A hermetic compressor, comprising:

5 a casing;

a cylinder block installed in the casing, with a cylinder bore defined in the cylinder block;

a piston placed in the cylinder bore so as to reciprocate in the cylinder bore;

10 a cylinder head mounted to an end of the cylinder block so as to cover the cylinder bore; and

an exhaust chamber part provided at the cylinder head so as to temporarily store compressed gas discharged from the cylinder bore, and exhaust the compressed gas to an outside of the casing.

15 2. The hermetic compressor according to claim 1, wherein the exhaust chamber part comprises:

a chamber body integrally formed at a side of the cylinder head, the chamber body being open at a top thereof to define an exhaust chamber therein; and

a chamber cover to cover the open top of the chamber body.

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3. The hermetic compressor according to claim 2, wherein the chamber body and the chamber cover of the exhaust chamber part are provided with at least one bolt hole and at least one through hole, respectively, so that the chamber cover is mounted to the chamber body by use of a bolt which is tightened to the bolt hole while passing
25 through the through hole.

4. The hermetic compressor according to claim 2, wherein the chamber body comprises two bored cylindrical parts which are arranged in parallel to each other and integrally coupled to each other such that the exhaust chamber is divided into first and second chambers communicating with each other, and the chamber cover comprises
5 two dome-shaped parts which are arranged in parallel to each other and integrally coupled to each other so as to correspond to a shape of the chamber body.

5. The hermetic compressor according to claim 4, wherein an exhaust pipe is
10 provided at the chamber body at a position between the first and second chambers, thus exhausting the compressed gas from the first and second chambers to the outside of the casing.

6. The hermetic compressor according to claim 4, wherein a first boss having a
15 first bolt hole and a second boss having a second bolt hole are projected toward the chamber cover in the first and second chambers of the chamber body, respectively, and first and second through holes are formed in the chamber cover at positions corresponding to the first and second bolt holes, respectively, so that the chamber cover is mounted to the chamber body by use of bolts which are respectively tightened to the
20 first and second bolt holes while passing through the first and second through holes.